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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

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Sheet 1 of 2

Application Number	10/826,952
Filing Date	April 15, 2004
First Named Inventor	Brett Masters
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2003-IP-009957 U1 USA

[illegible][illegible]

Killer

12/1/05

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/826,952
				Filing Date	April 15, 2004
				First Named Inventor	Brett Masters
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Sheet	2	of	2		

[illegible]

Rick

12/1/05

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FEB 25 2005

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	1	of	2
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Application Number	10/826,952
Filing Date	April 15, 2004
First Named Inventor	Brett Masters
Art Unit	2834
Examiner Name	Unassigned
Attorney Docket Number	2003-IP-009957 U1 USA

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Signature**

Date
Considered

12/1/05

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of

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Application Number

-10/826,952

Filing Date

April 15, 2004

First Named Inventor

Brett Masters

Art Unit

2834

Examiner Name

Unassigned

Attorney Docket Number

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NON PATENT LITERATURE DOCUMENTS

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Substitute for form 1449/PTO

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Application Number	10/826,952
Filing Date	April 15, 2004
First Named Inventor	Brett Masters
Art Unit	2834
Examiner Name	P. Cuevas
Attorney Docket Number	2003-IP-009957 U1 USA

Sheet	1	of	2
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Sheet	2	of	2	Attorney Docket Number	2003-IP-009957 U1 USA

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
WJ		Office Action for serial number 10/658,899 dated September 14, 2005	

Examiner Signature		Date Considered	12/1/05
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PTO/SB/08B (08-00)


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Sheet	2	of	2	Attorney Docket Number	2003-IP-009957 U1 USA

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
W		"Extracting Energy From Natural Flow," NASA Tech. Briefs, Spring 1980, Vol. 5, No. 1, MFS-23989.	
		Parkinson, Geoffrey, "Phenomena and Modelling of Flow-Induced Vibrations of Bluff Bodies", Progress in Aerospace Sciences, Vol. 26, pp. 169-224, 1989.	
		"Characteristics of Relaxor-Based Piezoelectric Single Crystals for Ultrasonic Transducers," IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 44(5):1140-1147 (September 1997)	
		Hall & Precht "Development of a Piezoelectric Servoflap for Helicopter Rotor Control," Smart Materials and Structures Vol 5 1996 pp 26-34	
		PI (Physik Instrumente), "NanoAutomation®, Piezo Technology NanoPositioning MicroPositioning Hexapods", dated 1996-2004	
		PI, "Introduction to Piezo Actuators", dated 1996-2004	
		"Closed-Loop, High Deflection PICMA® Multilayer Piezo Bender Actuators", undated	
		"PICA-Stack Piezoceramic Actuators Versatile Piezoelectric Power", undated	

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